Claims

1. Medical/surgical instrument made of biocompatible bioinert material.

2. Medical/surgical instrument characterized in that it is coated with biocompatible bioinert material.

3. Medical/surgical instrument according to claim 1 or 2, characterized in that the biocompatible bioinert material is high-strength technical ceramic.

4. Medical/surgical instrument according to claim 1 or 2, characterized in that the biocompatible bioinert material is a ceramic on an aluminum oxide, zirconium oxide or silicon nitride basis.

5. Medical/surgical instrument according to claim 1 or 2, characterized in that the biocompatible bioinert material is a Y-TZP or ZTPA ceramic.

6. Medical/surgical instrument according to one or more of claims 1 to 5, characterized in that it is formed as scalpel, scissors, saw, drill, thread cutting tool, centering tool, drill-jig bushing, or as templet.

7. Use of a biocompatible bioinert material for the manufacture of Medical/surgical instruments.

8. Use of a biocompatible bioinert material for the manufacture of Medical/surgical instruments, characterized in that the biocompatible bioinert material is a high-strength technical ceramic.

9. Use of a biocompatible bioinert material for the manufacture of Medical/surgical instruments, characterized in that the biocompatible bioinert material is a ceramic on an aluminum oxide, zirconium oxide or silicon nitride basis.

10. Use of a biocompatible bioinert material for the manufacture of Medical/surgical instruments, characterized in that the biocompatible bioinert material is a Y-TZP or ZTPA ceramic.

11. Use of a biocompatible bioinert material for the manufacture of Medical/surgical instruments, characterized in that the biocompatible bioinert material is characterized according to one of claims 3 to 5, and the instrument is made as a scalpel, scissors, saw, drill, thread cutting tool, centering tool, drill-jig bushing or as a templet.

12. Use of a biocompatible bioinert material for coating Medical/surgical instruments.

13. Use of a biocompatible bioinert material for the coating of Medical/surgical instruments, characterized in that the biocompatible bioinert material is a high-strength technical ceramic.

14. Use of a biocompatible bioinert material for the coating of Medical/surgical instruments, characterized in that the biocompatible bioinert material is a ceramic on an aluminum oxide, zirconium oxide or silicon nitride basis.

15. Use of a biocompatible bioinert material for the coating of Medical/surgical instruments, characterized in that the biocompatible bioinert material is a Y-TZP or ZTPA ceramic.

16. Use of a biocompatible bioinert material for the coating of Medical/surgical instruments, characterized in that the biocompatible bioinert material is characterized according to any one of claims 3 to 5, and the instrument is formed as a scalpel, scissors, saw, drill, thread cutting tool, centering tool, drill-jig bushing or as a templet.

17. Use of a tool of biocompatible bioinert material in surgery.

18. Use of a tool of biocompatible bioinert material for cutting bone.

19. Use of a tool of biocompatible bioinert material for the machining of bone.

20. Use of a tool of biocompatible bioinert material to avoid osteolytic particles.

21. Use of a tool of biocompatible bioinert material according to any one of claims 17 to 20, characterized in that the biocompatible bioinert material is characterized according to any one of claims 3 to 5.

22. Use of a tool of biocompatible bioinert material according to any one of claims 17 to 20, characterized in that the biocompatible bioinert material is characterized according to any one of claims 3 to 5, and the tool is formed as a scalpel, scissors, saw, drill, thread cutting tool, centering tool, drill-jig bushing or as a templet.

23. Tool made of biocompatible bioinert material for use as a Medical/surgical instrument.

24. Tool according to claim 23, characterized in that the biocompatible bioinert material is high-strength technical ceramic.

25. Tool according to claim 23, characterized in that the biocompatible bioinert material is a ceramic on an aluminum oxide, zirconium oxide or silicon nitride basis.

26. Tool according to claim 23, characterized in that the biocompatible bioinert material is a Y-TZP or ZTPA ceramic.

27. Tool according to any one of claims 23 to 26, characterized in that the tool is formed as a scalpel, scissors, saw, drill, thread cutting tool, centering tool, drill-jig bushing or as a templet.

28. Tool according to any one of claims 23 to 27, characterized in that at least a portion of the surface consists of the biocompatible bioinert material.

29. Use of a tool made of biocompatible bioinert material in "roboting" or "imaging".